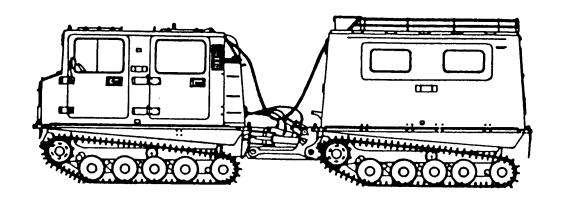
## **M973 SUSV**



| SYSTEM IDENTIFIERS |                                    |  |  |  |  |
|--------------------|------------------------------------|--|--|--|--|
| NOMENCLATURE:      | Carrier, Cargo,<br>Tracked, 1½ Ton |  |  |  |  |
| SSN:               | D19001                             |  |  |  |  |
| LIN:               | C11280                             |  |  |  |  |
| NSN:               | 2350-01-132-9099                   |  |  |  |  |
| AMIM NO:           | S132                               |  |  |  |  |
| EIC:               | BXA                                |  |  |  |  |
| FUEL TYPE:         | DIESEL                             |  |  |  |  |

#### **SYSTEM DESCRIPTION**

The M973 SUSV (Small Unit Support Vehicle) is a fully tracked, amphibious vehicle featuring two tracked vehicle bodies linked together by a steering unit. Procured from Sweden, the SUSV mission is to transport a combat loaded infantry platoon in extremely cold weather through mountainous terrain. When configured as a troop carrier, the front cab seats five or six while the rear cab seats 11. It has either a water-cooled Ford 2658 E V-6 diesel engine or a Mercedes-Benz five cylinder in-line turbo-charged diesel engine. loaded and coupled it weighs seven tons of which 2½ tons is for payload. The top speed is 24 miles per hour while the fording speed is two miles per hour. Fuel capacity is 42 gallons with a cruising range of 200 miles.

The list below identifies components associated with the weapon/materiel system.

# M973 SUSV

| LIN    | NSN              | NOMENCLATURE              |
|--------|------------------|---------------------------|
| C89070 | 1080-00-108-1173 | CAMOUFLAGE SCREEN SUPPORT |
| C89145 | 1080-00-103-1246 | CAMOUFLAGE SCREEN SYSTEM  |
| R44795 | 5820-01-151-9918 | RADIO SET AN/VRC-89       |

# SYSTEM VARIANTS

| MDS  | _LIN   | NSN              |
|------|--------|------------------|
| M973 | C00255 | 2350-01-283-6215 |
| M973 | C16921 | 2350-01-281-6450 |
| M973 | C11280 | 2350-01-281-6451 |
| M973 | C11651 | 2350-01-281-8324 |

This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system or per mile are displayed so the data can be used in performing analytical and cost studies. Average costs are calculated using the end item's density and activity. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

# M973 SUSV FY 94 TOTAL ARMY COST SUMMARY (FY 94 Constant Dollars)

#### **ACTIVITY/DENSITY**

MILES 375,291
NUMBER OF SYSTEMS 613
OPTEMPO (MILES/SYSTEM) 612

#### **DEPOT END ITEM MAINTENANCE (5.061)**

TOTAL \$0
QUANTITY COMPLETED 0
AVG COST/END ITEM \$0.00

#### CLASS III-POL (5.05)

 POL
 \$85,143

 AVG COST/SYSTEM
 \$138.90

 AVG COST/MILE
 \$0.23

#### DEPOT SECONDARY ITEM MAINTENANCE

TOTAL \$20,149
QUANTITY COMPLETED 98
AVG COST/SECONDARY ITEM \$205.60

#### **CLASS V-AMMUNITION (2.11)**

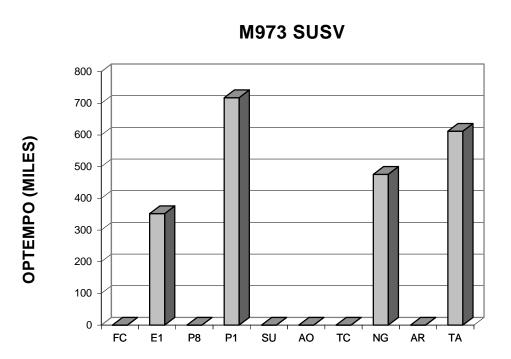
**NOT APPLICABLE** 

#### INTERMEDIATE MAINTENANCE DS/GS **CIVILIAN** MIL/CIV LABOR COST \$27,307 \$0 AVG COST/SYSTEM \$44.55 \$0.00 \$0.00 AVG COST/MILE \$0.07 MAINTENANCE MANHOURS 1,644 0 MMHs/SYSTEM 0.00 2.68 MMHs/MILE 0.00 0.00

#### **CLASS IX MATERIEL-PARTS (5.04/5.03)**

|                | FY 94          | AVG COST   | AVG COST |
|----------------|----------------|------------|----------|
|                | <u>DOLLARS</u> | PER SYSTEM | PER MILE |
| CONSUMABLES    | \$878,569      | \$1,433.23 | \$2.34   |
| NET REPARABLES | \$587          | \$0.96     | \$0.00   |
| TOTAL          | \$879,156      | \$1,434.19 | \$2.34   |

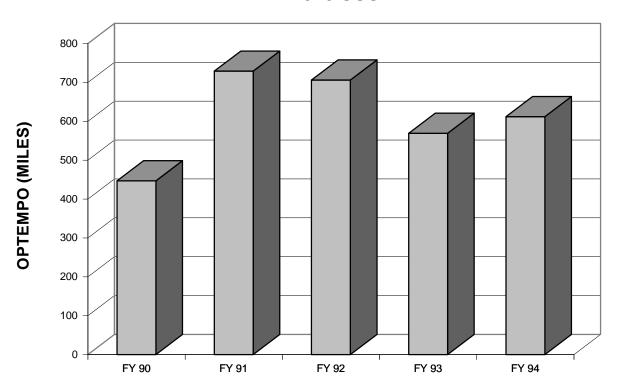
The following graph and table display FY 94 OPTEMPO data by MACOM. ACTIVITY represents the miles recorded in The Army Maintenance Management System-Equipment Data Base (TAMMS-EDB). NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). OPTEMPO is calculated by dividing ACTIVITY (Miles) by NUMBER OF SYSTEMS. The Total Army (TA) OPTEMPO is the summation of all MACOM activities (Miles) divided by the summation of all MACOM number of systems.



|      | M973 SUSV<br>FY 94 MACOM OPTEMPO |          |            |         |  |  |  |
|------|----------------------------------|----------|------------|---------|--|--|--|
|      | MACOM                            | ACTIVITY | NUMBER     |         |  |  |  |
| CODE | NAME                             | (Miles)  | OF SYSTEMS | OPTEMPO |  |  |  |
| FC   | FORSCOM                          | 0        | 0          | 0       |  |  |  |
| E1   | USAREUR                          | 18,304   | 52         | 352     |  |  |  |
| P8   | EUSA                             | 0        | 0          | 0       |  |  |  |
| P1   | USARPAC                          | 266,547  | 371        | 718     |  |  |  |
| SU   | USARSO                           | 0        | 0          | 0       |  |  |  |
| AO   | USASOC                           | 0        | 0          | 0       |  |  |  |
| TC   | TRADOC                           | 0        | 0          | 0       |  |  |  |
| NG   | ARNG                             | 90,440   | 190        | 476     |  |  |  |
| AR   | USAR                             | 0        | 0          | 0       |  |  |  |
| TA   | TOTAL ARMY                       | 375,291  | 613        | 612     |  |  |  |

The following graph and table display FY 90-94 OPTEMPO by Total Army. The Total Army ACTIVITY and NUMBER OF SYSTEMS are a summation of all the MACOMs displayed on the previous page. ACTIVITY represents the miles recorded in TAMMS-EDB. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). OPTEMPO is calculated by dividing ACTIVITY (Miles) by NUMBER OF SYSTEMS. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

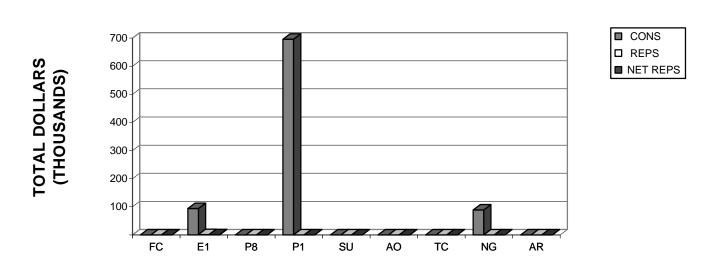
#### **M973 SUSV**



| M973 SUSV<br>FIVE YEAR TOTAL ARMY OPTEMPO |                     |                      |         |  |  |  |
|---|---------------------|----------------------|---------|--|--|--|
| FISCAL<br>YEAR                            | ACTIVITY<br>(Miles) | NUMBER<br>OF SYSTEMS | OPTEMPO |  |  |  |
| FY 90                                     | 71,572              | 160                  | 447     |  |  |  |
| FY 91                                     | 229,491             | 315                  | 729     |  |  |  |
| FY 92                                     | 225,894             | 320                  | 706     |  |  |  |
| FY 93                                     | 318,882             | 560                  | 569     |  |  |  |
| FY 94                                     | 375,291             | 613                  | 612     |  |  |  |

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparables, (REPS), and net reparables (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM. AVG PER MILE costs are calculated by dividing NET TOTAL COSTS by the activity (Miles) for each MACOM.

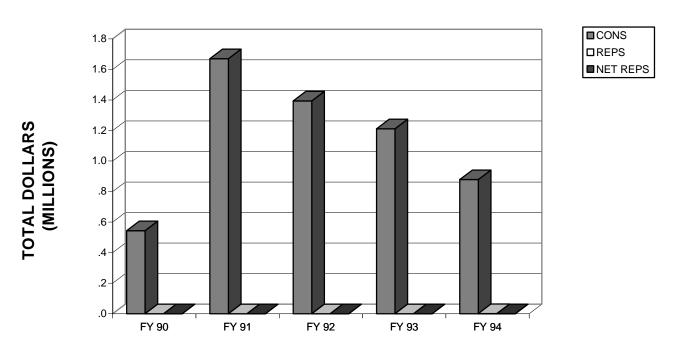
#### **M973 SUSV**



|      | M973 SUSV  |         |         |          |           |         |         |  |
|------|------------|---------|---------|----------|-----------|---------|---------|--|
|      |            | FY 9    | 4 MACOM | CLASS IX | COSTS     |         |         |  |
|      | MACOM      |         |         | NET      | NET TOTAL | AVG PER | AVG PER |  |
| CODE | NAME       | CONS    | REPS    | REPS     | COSTS     | SYSTEM  | MILE    |  |
| FC   | FORSCOM    | 0       | 0       | 0        | 0         | 0       | 0       |  |
| E1   | USAREUR    | 94,108  | 1,071   | 587      | 94,695    | 1,821   | 5       |  |
| P8   | EUSA       | 0       | 0       | 0        | 0         | 0       | 0       |  |
| P1   | USARPAC    | 695,858 | 0       | 0        | 695,858   | 1,876   | 3       |  |
| SU   | USARSO     | 0       | 0       | 0        | 0         | 0       | 0       |  |
| AO   | USASOC     | 0       | 0       | 0        | 0         | 0       | 0       |  |
| TC   | TRADOC     | 0       | 0       | 0        | 0         | 0       | 0       |  |
| NG   | ARNG       | 88,603  | 0       | 0        | 88,603    | 466     | 1       |  |
| AR   | USAR       | 0       | 0       | 0        | 0         | 0       | 0       |  |
| TA   | TOTAL ARMY | 878,569 | 1,071   | 587      | 879,156   | 1,434   | 2       |  |

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparables (REPS) and net reparables (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). NET REPs are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. The AVG PER MILE costs are calculated by dividing NET TOTAL COSTS by the Total Army Activity for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database

#### **M973 SUSV**



|        | M973 SUSV<br>FIVE YEAR TOTAL ARMY CLASS IX COSTS |       |      |             |         |         |  |  |
|--------|--|-------|------|-------------|---------|---------|--|--|
| FISCAL |  |       | NET  | NET         | AVG PER | AVG PER |  |  |
| YEAR   | CONS   | REPS  | REPS | TOTAL COSTS | SYSTEM  | MILE    |  |  |
| FY 90  | 543,598  | 0     | 0    | 543,598     | 3,397   | 8       |  |  |
| FY 91  | 1,669,939  | 13    | 7    | 1,669,946   | 5,301   | 7       |  |  |
| FY 92  | 1,393,377  | 138   | 75   | 1,393,452   | 4,355   | 6       |  |  |
| FY 93  | 1,210,839  | 62    | 32   | 1,210,871   | 2,162   | 4       |  |  |
| FY 94  | 878,569  | 1,071 | 587  | 879,156     | 1,434   | 2       |  |  |

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army. AVG PER MILE costs are calculated by dividing the NET TOTAL COSTS by the total activity (Miles) for the entire Army.

|     | M973 SUSV<br>FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS |         |       |      |             |         |         |  |
|-----|--|---------|-------|------|-------------|---------|---------|--|
|     | NET NET A  |         |       |      |             | AVG PER | AVG PER |  |
| WBS | NAME   | CONS    | REPS  | REPS | TOTAL COSTS | SYSTEM  | MILE    |  |
| 01  | HULL/FRAME   | 213,130 | 0     | 0    | 213,130     | 348     | 1       |  |
| 02  | SUSPENSION/STEER   | 165,567 | 0     | 0    | 165,567     | 270     | 0       |  |
| 03  | POWER PACKAGE  | 333,892 | 0     | 0    | 333,892     | 545     | 1       |  |
| 04  | AUX AUTOMOTIVE   | 45,825  | 0     | 0    | 45,825      | 75      | 0       |  |
| 05  | TURRET ASSEMBLY  | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 06  | FIRE CONTROL   | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 07  | ARMAMENT   | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 80  | BODY/CAB   | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 09  | AUTO LOADING   | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 10  | AUTO/REMOTE PILOT  | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 11  | NBC EQUIPMENT  | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 12  | SPECIAL EQUIPMENT  | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 13  | NAVIGATION   | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 14  | COMMUNICATIONS   | 8,115   | 1,071 | 587  | 8,702       | 14      | 0       |  |
| 15  | VEH APP SOFTWARE   | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 16  | VEH SYS SOFTWARE   | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 17  | INT, ASSY, TEST, C/O   | 0       | 0     | 0    | 0           | 0       | 0       |  |
| 18  | OTHER  | 112,040 | 0     | 0    | 112,040     | 183     | 0       |  |
|     | TOTAL  | 878,569 | 1,071 | 587  | 879,156     | 1,434   | 2       |  |

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. AVG PER MILE costs are calculated by dividing NET TOTAL COSTS by the total activity (miles) for the Total Army in the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

|     | M973 SUSV<br>FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS |           |           |           |           |           |  |  |
|-----|--|-----------|-----------|-----------|-----------|-----------|--|--|
|     | FIVE YEAR TO   |           |           |           |           |           |  |  |
|     |  | FY 90     | FY 91     | FY 92     | FY 93     | FY 94     |  |  |
|     |  | NET TOTAL |  |  |
| WBS | NAME   | COSTS     | COSTS     | COSTS     | COSTS     | COSTS     |  |  |
| 01  | HULL/FRAME   | 79,857    | 236,979   | 202,382   | 276,709   | 213,130   |  |  |
| 02  | SUSPENSION/STEER   | 25,536    | 127,075   | 97,850    | 30,540    | 165,567   |  |  |
| 03  | POWER PACKAGE  | 331,416   | 1,062,203 | 970,008   | 580,253   | 333,892   |  |  |
| 04  | AUX AUTOMOTIVE   | 7,344     | 35,354    | 26,526    | 70,888    | 45,825    |  |  |
| 05  | TURRET ASSEMBLY  | 0         | 0         | 0         | 0         | 0         |  |  |
| 06  | FIRE CONTROL   | 0         | 0         | 0         | 0         | 0         |  |  |
| 07  | ARMAMENT   | 0         | 0         | 0         | 0         | 0         |  |  |
| 80  | BODY/CAB   | 0         | 0         | 0         | 0         | 0         |  |  |
| 09  | AUTO LOADING   | 0         | 0         | 0         | 0         | 0         |  |  |
| 10  | AUTO/REMOTE PILOT  | 0         | 0         | 0         | 0         | 0         |  |  |
| 11  | NBC EQUIPMENT  | 0         | 0         | 0         | 0         | 0         |  |  |
| 12  | SPECIAL EQUIPMENT  | 0         | 0         | 0         | 0         | 0         |  |  |
| 13  | NAVIGATION   | 0         | 0         | 0         | 0         | 0         |  |  |
| 14  | COMMUNICATIONS   | 2,687     | 20,087    | 5,704     | 9,647     | 8,702     |  |  |
| 15  | VEH APP SOFTWARE   | 0         | 0         | 0         | 0         | 0         |  |  |
| 16  | VEH SYS SOFTWARE   | 0         | 0         | 0         | 0         | 0         |  |  |
| 17  | INT, ASSY, TEST, C/O   | 0         | 0         | 0         | 0         | 0         |  |  |
| 18  | OTHER  | 96,758    | 188,248   | 90,982    | 242,834   | 112,040   |  |  |
|     | TOTAL  | 543,598   | 1,669,946 | 1,393,452 | 1,210,871 | 879,156   |  |  |
|     | AVG PER SYSTEM   | 3,397     | 5,301     | 4,355     | 2,162     | 1,434     |  |  |
|     | AVG PER MILE   | 8         | 7         | 6         | 4         | 2         |  |  |

# M973 SUSV TOP 40 COST DRIVERS CLASS IX CONSUMABLES (NON-DLRs)

|     | NSN           | NOMENCLATURE          | WBS | MRC | ARI | MATCAT | FY 94 AMDF<br>UNIT PRICE | FY 94<br>QTY |
|-----|---------------|-----------------------|-----|-----|-----|--------|--------------------------|--------------|
|     |               |                       |     |     |     |        |                          |              |
| 1.  | 2530011661971 | TRACK ASSY, VEHICULA  | 02B | 0   |     | K21N4  | 3,365.00                 | 38.83        |
| 2.  | 6140011752500 | BATTERY,STORAGE       | 18  | F   |     | K21N4  | 287.00                   | 154.82       |
| 3.  | 2920013023352 | GENERATOR, ENGINE AC  | 03A | F   |     | K21N4  | 3,044.00                 | 11.57        |
| 4.  | 2530011635072 | WHEEL,SOLID RUBBER    | 02A | 0   |     | K21N4  | 180.00                   | 164.62       |
| 5.  | 4810013053182 | VALVE,SOLENOID        | 01A | Z   |     | J2200  | 675.08                   | 39.00        |
| 6.  | 2815012935729 | ENGINE, DIESEL        | 03A | Н   |     | K21N4  | 25,031.00                | 1.00         |
| 7.  | 2815013018421 | PISTON,INTERNAL COM   | 03A | Z   |     | J2200  | 379.14                   | 58.24        |
| 8.  | 2815012937130 | CYLINDER HEAD, DIESE  | 03A | Н   |     | K23N4  | 1,459.00                 | 14.33        |
| 9.  | 9340011689908 | GLASS,LAMINATED       | 18  | Z   |     | K22N4  | 69.75                    | 233.03       |
| 10. | 2930013000243 | RADIATOR, ENGINE COO  | 03G | Н   |     | K21N4  | 808.00                   | 16.46        |
| 11. | 6680011654788 | GAGE,LIQUID QUANTIT   | 01A | Z   |     | J2200  | 138.66                   | 86.95        |
| 12. | 2530011681447 | ARM, STEERING GEAR    | 03Q | Z   |     | J2200  | 2,295.53                 | 5.00         |
| 13. | 2920013066139 | GLOW PLUG             | 03A | Z   |     | J2200  | 46.08                    | 247.42       |
| 14. | 2815011718600 | CYLINDER HEAD, DIESE  | 03A | Н   |     | J2100  | 916.01                   | 11.30        |
| 15. | 2540013052398 | MIRROR HEAD, VEHICUL  | 01H | Z   |     | J2200  | 49.43                    | 195.06       |
| 16. | 3020011634970 | SPROCKET WHEEL        | 03H | Z   |     | K22N4  | 393.00                   | 24.00        |
| 17. | 6150013417679 | CABLE ASSEMBLY,SPEC   | 04A | Z   |     | J2200  | 4,621.94                 | 2.00         |
| 18. | 2540013091082 | TOWBAR, MOTOR VEHICL  | 01C | Z   |     | J2200  | 2,983.57                 | 2.97         |
| 19. | 2530013022456 | ARM,STEERING GEAR     | 03Q | Z   |     | J2200  | 3,043.37                 | 2.88         |
| 20. | 2520011654713 | SHAFT,AXLE,AUTOMOTI   | 03K | 0   |     | K21N4  | 779.00                   | 10.00        |
| 21. | 6115011681438 | GENERATOR,ALTERNATI   | 18  | F   |     | K21N4  | 762.00                   | 10.00        |
| 22. | 2530011687880 | BRAKE ASSEMBLY        | 03Q | F   |     | K21N4  | 451.00                   | 16.76        |
| 23. | 2920013026304 | ARMATURE,MOTOR        | 03A | Z   |     | J2200  | 292.48                   | 23.30        |
| 24. | 2815013024935 | RING SET,PISTON       | 03A | Z   |     | J2200  | 80.37                    | 84.64        |
| 25. | 6680013054034 | INDICATOR, SIGHT, LIQ | 01A | Z   |     | J2200  | 199.92                   | 33.95        |
| 26. | 2910012948611 | PUMP,FUEL,METERING    | 03A | F   |     | K21N4  | 3,318.00                 | 2.00         |
| 27. | 5330013015198 | PARTS KIT,SEAL REPL   | 01A | Z   |     | T2200  | 233.29                   | 27.78        |
| 28. | 2520012941311 | TRANSMISSION, HYDRAU  | 03H | Н   |     | K21N4  | 6,420.00                 | 1.00         |
| 29. | 2510011665285 | WINDOW, VEHICULAR     | 01A | Z   |     | J2200  | 205.85                   | 30.87        |
| 30. | 2815013018422 | CYLINDER SLEEVE       | 03A | Z   |     | J2200  | 50.39                    | 114.58       |
| 31. | 4910013070445 | LIFTING SET           | 18  | 0   |     | J2200  | 5,721.00                 | 1.00         |
| 32. | 2940011724701 | FILTER ELEMENT,FLUI   | 03A | Z   |     | J2200  | 59.07                    | 95.90        |
| 33. | 2510013003768 | HOOD, ENGINE COMPART  | 01A | 0   |     | K23N4  | 5,199.00                 | 1.00         |
| 34. | 2815013019956 | CAMSHAFT, ENGINE      | 03A | Z   |     | J2200  | 296.39                   | 17.20        |
| 35. | 3120013015148 | BEARING HALF, SLEEVE  | 01H | Z   |     | T2200  | 186.36                   | 25.87        |
| 36. | 2530011661966 | PARTS KIT,WHEEL       | 02A | Z   |     | K22N4  | 27.89                    | 169.80       |
| 37. | 2815012953201 | ENGINE BLOCK, DIESEL  | 03A | Н   |     | K21N4  | 1,639.00                 | 2.85         |
| 38. | 3030013030066 | BELT, POSITIVE DRIVE  | 03H | Z   |     | J2200  | 87.67                    | 49.43        |
| 39. | 2815013022464 | VALVE,POPPET,ENGINE   | 03A | Z   |     | J2200  | 58.64                    | 70.64        |
| 40. | 2540011654668 | PINTLE ASSEMBLY,TOW   | 01C | Z   |     | J2100  | 1,035.24                 | 4.00         |

| NUMBER OF SYSTEMS | 613     |
|-------------------|---------|
| MILES             | 375,291 |

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

# M973 SUSV CONSUMABLES (NON-DLRs)

|                    | AVERAGE COST AVERAGE QUAN |        |             | FY 90-94<br>FIVE YEAR AVERAGE |        |               |
|--------------------|---------------------------|--------|-------------|-------------------------------|--------|---------------|
| EXTENDED COST      | PER                       | PER    | PER         | PER                           |        |               |
| (QTY * UNIT PRICE) | SYSTEM                    | MILE   | 100 SYSTEMS | 100 MILES                     | QTY    | EXTENDED COST |
|                    |                           |        |             |                               |        |               |
| 130,663            | 213.15                    | 0.35   | 6.3344      | 0.0103                        | 13.96  | 46,975        |
| 44,433             | 72.48                     | 0.12   | 25.2561     | 0.0413                        | 170.16 | 48,836        |
| 35,219             | 57.45                     | 0.09   | 1.8874      | 0.0031                        | 12.51  | 38,080        |
| 29,632             | 48.34                     | 0.08   | 26.8548     | 0.0439                        | 135.72 | 24,430        |
| 26,328             | 42.95                     | 0.07   | 6.3622      | 0.0104                        | 9.40   | 6,346         |
| 25,031             | 40.83                     | 0.07   | 0.1631      | 0.0003                        | 6.80   | 170,211       |
| 22,081             | 36.02                     | 0.06   | 9.5008      | 0.0155                        | 12.85  | 4,872         |
| 20,907             | 34.11                     | 0.06   | 2.3377      | 0.0038                        | 5.87   | 8,564         |
| 16,254             | 26.52                     | 0.04   | 38.0147     | 0.0621                        | 163.21 | 11,384        |
| 13,300             | 21.70                     | 0.04   | 2.6852      | 0.0044                        | 7.89   | 6,375         |
| 12,056             | 19.67                     | 0.03   | 14.1843     | 0.0232                        | 67.19  | 9,317         |
| 11,478             | 18.72                     | 0.03   | 0.8157      | 0.0013                        | 3.00   | 6,887         |
| 11,401             | 18.60                     | 0.03   | 40.3622     | 0.0659                        | 93.88  | 4,326         |
| 10,351             | 16.89                     | 0.03   | 1.8434      | 0.0030                        | 12.46  | 11,413        |
| 9,642              | 15.73                     | 0.03   | 31.8206     | 0.0520                        | 79.20  | 3,915         |
| 9,432              | 15.39                     | 0.03   | 3.9152      | 0.0064                        | 119.00 | 46,767        |
| 9,244              | 15.08                     | 0.02   | 0.3263      | 0.0005                        | 0.40   | 1,849         |
| 8,861              | 14.46                     | 0.02   | 0.4845      | 0.0008                        | 0.79   | 2,357         |
| 8,765              | 14.30                     | 0.02   | 0.4698      | 0.0008                        | 1.97   | 5,995         |
| 7,790              | 12.71                     | 0.02   | 1.6313      | 0.0027                        | 26.60  | 20,721        |
| 7,620              | 12.43                     | 0.02   | 1.6313      | 0.0027                        | 8.60   | 6,553         |
| 7,559              | 12.33                     | 0.02   | 2.7341      | 0.0045                        | 9.35   | 4,217         |
| 6,815              | 11.12                     | 0.02   | 3.8010      | 0.0062                        | 14.84  | 4,340         |
| 6,802              | 11.10                     | 0.02   | 13.8075     | 0.0226                        | 57.36  | 4,610         |
| 6,787              | 11.07                     | 0.02   | 5.5383      | 0.0090                        | 9.79   | 1,957         |
| 6,636              | 10.83                     | 0.02   | 0.3263      | 0.0005                        | 2.19   | 7,266         |
| 6,481              | 10.57                     | 0.02   | 4.5318      | 0.0074                        | 23.75  | 5,541         |
| 6,420              | 10.47                     | 0.02   | 0.1631      | 0.0003                        | 5.20   | 33,384        |
| 6,355              | 10.37                     | 0.02   | 5.0359      | 0.0082                        | 22.17  | 4,564         |
| 5,774              | 9.42                      | 0.02   | 18.6917     | 0.0305                        | 65.12  | 3,281         |
| 5,721              | 9.33                      | 0.02   | 0.1631      | 0.0003                        | 0.20   | 1,144         |
| 5,665              | 9.24                      | 0.02   | 15.6444     | 0.0256                        | 53.38  | 3,153         |
| 5,199              | 8.48                      | 0.01   | 0.1631      | 0.0003                        | 0.20   | 1,040         |
| 5,098              | 8.32                      | 0.01   | 2.8059      | 0.0046                        | 8.58   | 2,543         |
| 4,821              | 7.86                      | 0.01   | 4.2202      | 0.0069                        | 10.34  | 1,927         |
| 4,735              | 7.72                      | 0.01   | 27.6998     | 0.0452                        | 558.95 | 15,589        |
| 4,671              | 7.62                      | 0.01   | 0.4649      | 0.0008                        | 1.57   | 2,573         |
| 4,334              | 7.07                      | 0.01   | 8.0636      | 0.0132                        | 21.24  | 1,862         |
| 4,142              | 6.76                      | 0.01   | 11.5237     | 0.0188                        | 22.07  | 1,294         |
| 4,141              | 6.76                      | 0.01   | 0.6525      | 0.0011                        | 3.40   | 3,520         |
|                    |                           |        |             |                               |        | -,-20         |
|                    | <u>.</u>                  |        |             |                               |        |               |
| 578,644            | 65.9%                     | TOP 40 |             |                               |        |               |
| 299,925            | 34.1%                     | OTHERS |             |                               |        |               |

TOTAL

878,569

# M973 SUSV COST DRIVERS CLASS IX REPARABLES (DLRs)

|        |             |                      |     |     |     |        | FY 94 AMDF | UNIT PRICE | FY 94 |
|--------|-------------|----------------------|-----|-----|-----|--------|------------|------------|-------|
|        | NSN         | NOMENCLATURE         | WBS | MRC | ARI | MATCAT | W/O CREDIT | W/CREDIT   | QTY   |
|        |             |                      |     |     |     |        |            |            |       |
| 1. 59  | 15009379564 | SUPPRESSOR, ELECTF   | 14  | F   | E   | G21RU  | 263.00     | 144.12     | 3.80  |
| 2. 582 | 20011519922 | ECCM UN C-11290()/VF | 14  | D   | D   | G21R9  | 1,697.00   | 929.96     | 0.03  |
| 3. 58  | 20011792680 | CONTROL ASSEMBLY     | 14  | D   |     | G21R9  | 528.00     | 289.34     | 0.02  |
| 4. 582 | 20011792808 | SYNTHESIZER, ELECTI  | 14  | D   | С   | G21R9  | 615.00     | 337.02     | 0.01  |
| 5. 599 | 98011792823 | CIRCUIT CARD ASSEN   | 14  | D   | D   | G21R9  | 242.00     | 132.62     | 0.01  |
| 6. 599 | 98012822857 | CIRCUIT CARD ASSEN   | 14  | D   | D   | G21R9  | 242.00     | 132.62     | 0.01  |
|        |             |                      |     |     |     |        |            |            |       |

| NUMBER OF SYSTEMS | 613     |
|-------------------|---------|
| MILES             | 375,291 |

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

# M973 SUSV REPARABLES (DLRs)

| EXTENDED COST                  | AVERAGI<br>(W/CRI |             | AVERAGE (          | QUANTITY         | FY 90-94<br>FIVE YEAR AVERAGE |                             |  |
|--------------------------------|-------------------|-------------|--------------------|------------------|-------------------------------|-----------------------------|--|
| W/CREDIT<br>(QTY * UNIT PRICE) | PER<br>SYSTEM     | PER<br>MILE | PER<br>100 SYSTEMS | PER<br>100 MILES | QTY                           | EXTENDED COST<br>(W/CREDIT) |  |
| 548                            | 0.89              | 0.00        | 0.6199             | 0.0010           | 0.76                          | 110                         |  |
| 28                             | 0.05              | 0.00        | 0.0049             | 0.0000           | 0.01                          | 9                           |  |
| 6                              | 0.01              | 0.00        | 0.0033             | 0.0000           | 0.00                          | 0                           |  |
| 3                              | 0.00              | 0.00        | 0.0016             | 0.0000           | 0.00                          | 0                           |  |
| 1                              | 0.00              | 0.00        | 0.0016             | 0.0000           | 0.00                          | 0                           |  |
| 1                              | 0.00              | 0.00        | 0.0016             | 0.0000           | 0.00                          | 0                           |  |

587 100.0% COST DRIVERS
0 0.0% OTHERS
587 TOTAL

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

| M973 SUSV FY 94 DEPOT MAINTENANCE COSTS |        |          |       |              |           |          |        |  |  |  |  |
|---|--------|----------|-------|--------------|-----------|----------|--------|--|--|--|--|
| COST                                    |        | END I    | TEM   |              | SECONDARY | TITEM    |        |  |  |  |  |
| ELEMENTS                                |        | MAINTEN  | NANCE |              |           | MAINTENA | NCE    |  |  |  |  |
|   | REPAIR | OVERHAUL | OTHER | MODIFICATION | REPAIR    | OVERHAUL | OTHER  |  |  |  |  |
| CIVILIAN LABOR                          | 0      | 0        | 0     | 0            | 0         | 0        | 1,677  |  |  |  |  |
| MILITARY LABOR                          | 0      | 0        | 0     | 0            | 0         | 0        | 0      |  |  |  |  |
| MATERIEL                                | 0      | 0        | 0     | 0            | 0         | 0        | 15,916 |  |  |  |  |
| TRANSPORTATION                          | 0      | 0        | 0     | 0            |           |          |        |  |  |  |  |
| OVERHEAD                                | 0      | 0        | 0     | 0            | 0         | 0        | 2,512  |  |  |  |  |
| CONTRACT                                | 0      | 0        | 0     | 0            | 0         | 0        | 0      |  |  |  |  |
| OTHER                                   | 0      | 0        | 0     | 0            | 0         | 0        | 44     |  |  |  |  |
| TOTAL                                   | 0      | 0        | 0     | 0            | 0         | 0        | 20,149 |  |  |  |  |
| QTY COMPLETED                           | 0      | 0        | 0     | 0            | 0         | 0        | 98     |  |  |  |  |
| AVG COST                                | 0      | 0        | 0     | 0            | 0         | 0        | 206    |  |  |  |  |

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.61). CIVILIAN LABOR COSTS are a summation from the source data.

|            | M973 SUSV<br>FY 94 INTERMEDIATE MAINTENANCE COSTS |             |              |                          |                |  |  |  |  |  |
|------------|---|-------------|--------------|--------------------------|----------------|--|--|--|--|--|
|            | DS/GS LABOR                                       | DS/GS       | CIVILIAN     | CIVILIAN                 | CIVILIAN LABOR |  |  |  |  |  |
| MACOM      | HOURS   | LABOR COSTS | LABOR HOURS* | LABOR COSTS <sup>*</sup> | COST/HOUR      |  |  |  |  |  |
| FORSCOM    | 0   | 0           | 0            | 0                        | 0.00           |  |  |  |  |  |
| USAREUR    | 788   | 13,089      |              |                          |                |  |  |  |  |  |
| EUSA       | 0   | 0           |              |                          |                |  |  |  |  |  |
| USARPAC    | 608   | 10,099      |              |                          |                |  |  |  |  |  |
| USARSO     | 0   | 0           |              |                          |                |  |  |  |  |  |
| USASOC     | 0   | 0           |              |                          |                |  |  |  |  |  |
| TRADOC     | 0   | 0           | 0            | 0                        | 0.00           |  |  |  |  |  |
| ARNG       | 248   | 4,119       |              |                          |                |  |  |  |  |  |
| USAR       | 0   | 0           |              |                          |                |  |  |  |  |  |
| TOTAL ARMY | 1,644   | 27,307      | 0            | 0                        | 0.00           |  |  |  |  |  |

<sup>\*</sup>TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

|                  | M973 SUSV<br>FIVE YEAR DEPOT MAINTENANCE COSTS |       |       |       |       |       |       |          |       |        |  |  |
|------------------|--|-------|-------|-------|-------|-------|-------|----------|-------|--------|--|--|
| COST<br>ELEMENTS | END ITEM<br>S MAINTENANCE                      |       |       |       |       |       |       | ONDARY I |       |        |  |  |
|                  | FY 90  | FY 91 | FY 92 | FY 93 | FY 94 | FY 90 | FY 91 | FY 92    | FY 93 | FY 94  |  |  |
| CIVILIAN LABOR   | 0  | 0     | 0     | 0     | 0     | 0     | 0     | 121      | 18    | 1,677  |  |  |
| MILITARY LABOR   | 0  | 0     | 0     | 0     | 0     | 0     | 0     | 0        | 0     | 0      |  |  |
| MATERIEL         | 0  | 0     | 0     | 0     | 0     | 0     | 0     | 74       | 4     | 15,916 |  |  |
| TRANSPORTATION   | 0  | 0     | 0     | 0     | 0     |       |       |          |       |        |  |  |
| OVERHEAD         | 0  | 0     | 0     | 0     | 0     | 0     | 0     | 151      | 60    | 2,512  |  |  |
| CONTRACT         | 0  | 0     | 0     | 0     | 0     | 0     | 0     | 0        | 0     | 0      |  |  |
| OTHER            | 0  | 0     | 0     | 0     | 0     | 0     | 0     | 2        | 0     | 44     |  |  |
| TOTAL            | 0  | 0     | 0     | 0     | 0     | 0     | 0     | 348      | 82    | 20,149 |  |  |
| QTY COMPLETED    | 0  | 0     | 0     | 0     | 0     | 0     | 0     | 0        | 0     | 98     |  |  |
| AVG COST         | 0  | 0     | 0     | 0     | 0     | 0     | 0     | 0        | 0     | 206    |  |  |

The table below sumarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

|   | M973 SUSV |           |           |            |        |       |       |          |         |       |  |  |
|---|-----------|-----------|-----------|------------|--------|-------|-------|----------|---------|-------|--|--|
| FIVE YEAR INTERMEDIATE MAINTENANCE COSTS  DIRECT/GENERAL SUPPORT CIVILIAN |           |           |           |            |        |       |       |          |         |       |  |  |
|   |           |           |           |            | (0.0)  |       |       | CIVILIAN | (0.0.0) |       |  |  |
|   | INTE      | ERMEDIATE | = MAINTEN | IANCE (DS/ | (GS)   |       | MAIN  | TENANCE  | (CIV)   |       |  |  |
| MACOM   | FY 90     | FY 91     | FY 92     | FY 93      | FY 94  | FY 90 | FY 91 | FY 92    | FY 93   | FY 94 |  |  |
| FORSCOM   | 0         | 0         | 0         | 0          | 0      | 0     | 0     | 0        | 0       | 0     |  |  |
| USAREUR   | 10,708    | 68        | 2,695     | 1,988      | 13,089 |       |       |          |         |       |  |  |
| EUSA  | 0         | 0         | 0         | 0          | 0      |       |       |          |         |       |  |  |
| USARPAC   | 0         | 5,640     | 4,985     | 1,864      | 10,099 |       |       |          |         |       |  |  |
| USARSO  | 0         | 0         | 0         | 0          | 0      |       |       |          |         |       |  |  |
| USASOC  | 0         | 0         | 0         | 0          | 0      |       |       |          |         |       |  |  |
| TRADOC  | 0         | 0         | 0         | 0          | 0      | 0     | 0     | 0        | 0       | 0     |  |  |
| ARNG  | 2,906     | 967       | 1,516     | 2,900      | 4,119  |       |       |          |         |       |  |  |
| USAR  | 0         | 0         | 0         | 0          | 0      |       |       |          |         |       |  |  |
| TOTAL ARMY  | 13,614    | 6,675     | 9,196     | 6,752      | 27,307 | 0     | 0     | 0        | 0       | 0     |  |  |
| LABOR HRS   | 810       | 393       | 546       | 393        | 1,644  | 0     | 0     | 0        | 0       | 0     |  |  |
| COST PER HR   | 16.80     | 16.96     | 16.84     | 17.19      | 16.61  | 0.00  | 0.00  | 0.00     | 0.00    | 0.00  |  |  |

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

| M973 SUSV<br>FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS<br>COST DRIVERS |              |                        |  |                           |                                     |  |  |  |  |  |
|--|--------------|------------------------|--|---------------------------|-------------------------------------|--|--|--|--|--|
| NSN  | NOMENCLATURE | FY 94<br>AMDF<br>PRICE | FY 94<br>TOTAL COST<br>TO REBUILD/<br>OVERHAUL | FY 94<br>QTY<br>COMPLETED | AVG COST<br>TO REBUILD/<br>OVERHAUL |  |  |  |  |  |
|  | N            | O DATA AVAI            | LABLE  |                           |                                     |  |  |  |  |  |

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

| M973 SUSV<br>FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS<br>COST DRIVERS |              |                        |                                  |                           |                       |  |  |  |  |
|---|--------------|------------------------|----------------------------------|---------------------------|-----------------------|--|--|--|--|
| NSN   | NOMENCLATURE | FY 94<br>AMDF<br>PRICE | FY 94<br>TOTAL COST<br>TO REPAIR | FY 94<br>QTY<br>COMPLETED | AVG COST<br>TO REPAIR |  |  |  |  |
|   | N            | O DATA AVAI            | LABLE                            |                           |                       |  |  |  |  |

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' report, see Appendix A, Section 15 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90 -94 QTY COMPLETED.

| M973 SUSV FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS |              |                        |   |                              |                                     |  |  |  |  |  |
|--|--------------|------------------------|---|------------------------------|-------------------------------------|--|--|--|--|--|
| NSN  | NOMENCLATURE | FY 94<br>AMDF<br>PRICE | FY 90-94<br>TOTAL COST<br>TO REBUILD/<br>OVERHAUL | FY 90-94<br>QTY<br>COMPLETED | AVG COST<br>TO REBUILD/<br>OVERHAUL |  |  |  |  |  |
|  | N            | O DATA AVA             |   |                              |                                     |  |  |  |  |  |
|  |              |                        |   |                              |                                     |  |  |  |  |  |

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' report, see Appendix A, Section 15 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

| M973 SUSV<br>FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS<br>COST DRIVERS |              |                        |                                     |                              |                       |  |  |  |  |
|---|--------------|------------------------|-------------------------------------|------------------------------|-----------------------|--|--|--|--|
| NSN   | NOMENCLATURE | FY 94<br>AMDF<br>PRICE | FY 90-94<br>TOTAL COST<br>TO REPAIR | FY 90-94<br>QTY<br>COMPLETED | AVG COST<br>TO REPAIR |  |  |  |  |
|   | N            | O DATA AVAI            | LABLE                               |                              |                       |  |  |  |  |

# **CHOOSE A VOLUME FOR MORE SYSTEMS**



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